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L9 and tungsten	22

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 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

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<u>L9</u>	epoxi\$5 and polyoxometal\$8	58	<u>L9</u>
<u>L8</u>	L7 and polyoxometal\$8	1	<u>L8</u>
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<u>L4</u>	mg or ca or la or re or fe or zn or al or in or sn or pb or sb or bi or f	15381462	<u>L4</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	4390738.pn. or 5223631.pn. or 4864041.pn.	3	<u>L3</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L2</u>	6229028.pn.	2	<u>L2</u>
<u>L1</u>	wo-9854165-\$.did.	2	<u>L1</u>

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☐ 1. Document ID: US 20070032862 A1

L10: Entry 1 of 22

File: PGPB

Feb 8, 2007

PGPUB-DOCUMENT-NUMBER: 20070032862

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070032862 A1

TITLE: Medical devices

PUBLICATION-DATE: February 8, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Weber; Jan	Maple Grove	MN	US
Sogard; David J.	Edina	MN	US
Friesen; David L.	Otsego	MN	US
Blix; John	Maple Grove	MN	US

US-CL-CURRENT: 623/1.34

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draws	Dis
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☐ 2. Document ID: US 20060040103 A1

L10: Entry 2 of 22

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060040103

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060040103 A1

TITLE: Post-deposition encapsulation of nanostructures: compositions, devices and systems incorporating same

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Whiteford; Jeffery A.	Belmont	CA	US
Brewer; Rhett	Sunnyvale	CA	US
Buretea; Mihai	San Francisco	CA	US
Chen; Jian	Mountain View	CA	US

Cruden; Karen Chu	Pleasanton	CA	US
Duan; Xiangfeng	Mountain View	CA	US
Freeman; William P.	San Mateo	CA	US
Heald; David	Solvang	CA	US
Leon; Francisco	Palo Alto	CA	US
Liu; Chao	San Jose	CA	US
Meisel; Andreas	San Francisco	CA	US
Min; Kyu S.	San Jose	CA	US
Parce; J. Wallace	Palo Alto	CA	US
Scher; Erik	San Francisco	CA	US

US-CL-CURRENT: 428/403

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20050192364 A1

L10: Entry 3 of 22

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050192364

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050192364 A1

TITLE: Polyhedral oligomeric silsesquioxanes and metallized polyhedral oligomeric silsesquioxanes as coatings, composites and additives

PUBLICATION-DATE: September 1, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lichtenhan, Joseph D.	Petal	MS	US
Fu, Xuan	Hattiesburg	MS	US
LeClair, Steven R.	Gaithersburg	MD	US

US-CL-CURRENT: 521/50; 525/101, 556/90

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20030208071 A1

L10: Entry 4 of 22

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030208071

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030208071 A1

TITLE: Polyoxometalate catalysts for the preparation of sterically hindered N-substituted aryloxyamines

PUBLICATION-DATE: November 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Judd, Deborah	Poughkeepsie	NY	US
Shum, Sai P.	Jamesburg	NJ	US
Pastor, Stephen D.	Danbury	CT	US

US-CL-CURRENT: 544/207; 546/189, 548/542

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 20030181739 A1

L10: Entry 5 of 22

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181739

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030181739 A1

TITLE: Process for the epoxidation of alkenes and polyoxofluorometalates for use therein

PUBLICATION-DATE: September 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Neumann, Ronny	Kfar Saba		IL
Khenkin, Alexander	Maale Adumim		IL
Ben-Daniel, Revital	Modiin		IL

US-CL-CURRENT: 549/533

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 20030171604 A1

L10: Entry 6 of 22

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030171604

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030171604 A1

TITLE: Catalyst for producing epoxy compound and process for producing epoxy compounds with the same

PUBLICATION-DATE: September 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Mizuno, Noritaka	Tokyo		JP
Sumida, Yasutaka	Neyagawa-shi		JP

Yonehara, Koji	Kyoto-shi	JP
Wada, Masahiro	Nishinomiya-shi	JP
Urata, Minoru	Suita-shi	JP

US-CL-CURRENT: [549/533](#); [502/208](#), [502/209](#), [502/210](#), [502/211](#), [502/240](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 20030095908 A1

L10: Entry 7 of 22

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030095908

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030095908 A1

TITLE: Ultra-stable lamellar mesoporous silica compositions and process for the preparation thereof

PUBLICATION-DATE: May 22, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinnavaia, Thomas J.	East Lansing	MI	US
Kim, Seong-Su	Lansing	MI	US
Zhang, Wenzhong	Tulsa	OK	US

US-CL-CURRENT: [423/335](#); [423/266](#), [423/326](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: US 20030095907 A1

L10: Entry 8 of 22

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030095907

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030095907 A1

TITLE: Ultra-stable lamellar mesoporous silica compositions and process for the preparation thereof

PUBLICATION-DATE: May 22, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinnavaia, Thomas J.	East Lansing	MI	US
Kim, Seong-Su	Lansing	MI	US
Zhang, Wenzhong	Tulsa	OK	US

US-CL-CURRENT: 423/335; 423/326

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 9. Document ID: US 20020091275 A1

L10: Entry 9 of 22

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020091275

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020091275 A1

TITLE: Process for the epoxidation of CIS double bonds

PUBLICATION-DATE: July 11, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Krebs, Bernt	Muenster		DE
Droste, Elisabeth	Goslar		DE
Piepenbrink, Markus	Muenster		DE
Vollmer, Guido	Guetersloh		DE
Oenbrink, Georg	Duelmen		DE
Schiffer, Thomas	Haltern		DE

US-CL-CURRENT: 549/531

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 10. Document ID: US 20020042140 A1

L10: Entry 10 of 22

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042140

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042140 A1

TITLE: Methods for analysis of heterogeneous catalysts in a multi-variable screening reactor

PUBLICATION-DATE: April 11, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hagemeyer, Alfred	Sunnyvale	CA	US
Volpe, Anthony F. JR.	Santa Clara	CA	US
Lugmair, Claus	San Jose	CA	US
Lowe, David M.	Mt. View	CA	US
Liu, Yumin	San Jose	CA	US
Bergh, H. Sam	San Francisco	CA	US

Guan, Shenheng	Palo Alto	CA	US
Pinkas, Daniel M.	Alameda	CA	US
Self, Kyle W.	San Jose	CA	US
Engstrom, James R.	Ithaca	NY	US
Lefort, Laurent	Ashland	OR	US

US-CL-CURRENT: 436/34

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 11. Document ID: US 7132165 B2

L10: Entry 11 of 22

File: USPT

Nov 7, 2006

US-PAT-NO: 7132165

DOCUMENT-IDENTIFIER: US 7132165 B2

TITLE: Ultra-stable lamellar mesoporous silica compositions and process for the preparation thereof

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030095908 A1

May 22, 2003

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Attachments	Claims	KMIC	Draw D
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☐ 12. Document ID: US 6946109 B2

L10: Entry 12 of 22

File: USPT

Sep 20, 2005

US-PAT-NO: 6946109

DOCUMENT-IDENTIFIER: US 6946109 B2

TITLE: Ultra-stable lamellar mesoporous silica compositions and process for the preparation thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Attachments	Claims	KMIC	Draw D
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☐ 13. Document ID: US 6841668 B2

L10: Entry 13 of 22

File: USPT

Jan 11, 2005

US-PAT-NO: 6841668

DOCUMENT-IDENTIFIER: US 6841668 B2

TITLE: Polyoxometalate catalysts for the preparation of sterically hindered N-substituted aryloxyamines

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Attachments	Claims	KMIC	Draw D
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☒ 14. Document ID: US 6762310 B2

L10: Entry 14 of 22

File: USPT

Jul 13, 2004

US-PAT-NO: 6762310

DOCUMENT-IDENTIFIER: US 6762310 B2

TITLE: Process for the epoxidation of alkenes and polyoxofluorometalates for use therein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 15. Document ID: US 6743748 B2

L10: Entry 15 of 22

File: USPT

Jun 1, 2004

US-PAT-NO: 6743748

DOCUMENT-IDENTIFIER: US 6743748 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Catalyst for producing epoxy compounds and method of producing epoxy compounds using the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 16. Document ID: US 6610864 B2

L10: Entry 16 of 22

File: USPT

Aug 26, 2003

US-PAT-NO: 6610864

DOCUMENT-IDENTIFIER: US 6610864 B2

TITLE: Process for the epoxidation of CIS double bonds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 17. Document ID: US 6573394 B1

L10: Entry 17 of 22

File: USPT

Jun 3, 2003

US-PAT-NO: 6573394

DOCUMENT-IDENTIFIER: US 6573394 B1

TITLE: Polyoxofluorometallates and use thereof as catalysts for the epoxidation of alkenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 18. Document ID: US 6528034 B1

L10: Entry 18 of 22

File: USPT

Mar 4, 2003

US-PAT-NO: 6528034

DOCUMENT-IDENTIFIER: US 6528034 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Ultra-stable lamellar mesoporous silica compositions and process for the  
preparation thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 19. Document ID: US 6307072 B1

L10: Entry 19 of 22

File: USPT

Oct 23, 2001

US-PAT-NO: 6307072

DOCUMENT-IDENTIFIER: US 6307072 B1

TITLE: Method for production of oxygen-containing organic compound

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 20. Document ID: US 6229028 B1

L10: Entry 20 of 22

File: USPT

May 8, 2001

US-PAT-NO: 6229028

DOCUMENT-IDENTIFIER: US 6229028 B1

TITLE: Process for the epoxidation of alkenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 21. Document ID: US 5681973 A

L10: Entry 21 of 22

File: USPT

Oct 28, 1997

US-PAT-NO: 5681973

DOCUMENT-IDENTIFIER: US 5681973 A

TITLE: Microporous heteropolyoxometallates and method of their production and use as catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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☐ 22. Document ID: US 4864041 A

L10: Entry 22 of 22

File: USPT

Sep 5, 1989

US-PAT-NO: 4864041

DOCUMENT-IDENTIFIER: US 4864041 A

**\*\* See image for Certificate of Correction \*\***TITLE: Transition metal-substituted polyoxometalates as catalysts for homogenous liquid-phase organic oxidation processes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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